

The Department of Teaching STEM subjects in English			
№	Title	Implementation of innovative technologies for teaching STEM subjects in English	Funding
		<p>Abstract</p> <p>A practical project on the implementation of innovative technologies for teaching STEM subjects in English is being implemented, and it consists of several steps;</p> <ul style="list-style-type: none"> ▪ The scientific basis of teaching the subject "Foreign language (English)" in non-philological directions will be studied. ▪ A specific model curriculum for teaching STEM subjects in English will be developed. ▪ In Higher Education Institutions, on the basis of this program, non-philological disciplines are taught to students (the number of classroom hours increases due to the addition of special course hours in the curriculum, along with hours devoted to foreign (English language). ▪ EMI intensive courses will be organized for teachers of higher education institutions to conduct their special subjects in English. ▪ Preparatory courses for IELTS / CEFR / APTIS exams are organized for teachers, students and employees of regional enterprises. ▪ A partnership agreement will be signed with the British Council and IELTS / CEFR / APTIS exams will be held quarterly from the 3rd year of the project. ▪ Conferences, webinars and seminars on "Methodological principles of teaching STEM subjects in English" will be organized in collaboration with foreign experts. ▪ “Uzbek-English and English-Uzbek Explanatory Dictionary of Mathematical Terms” designed for easy study of specialty subjects in English for students of non-philological direction on the basis of the 	<p>500 million UZS in 1-4 years of the project, in the last year 1 billion UZS</p>

		<p>developed program; "Uzbek-English and English-Uzbek Explanatory Dictionary of Food Terms;" An Uzbek-English and English-Uzbek Glossary of Tourism Terms will be created.</p> <ul style="list-style-type: none"> ▪ Electronic forms of created dictionaries, as mobile application for Android and Windows application forms for computers are created. ▪ The monograph "Interactive methods of teaching STEM subjects in English on English Medium Instructions" will be created. ▪ A textbook "English for Mathematicians" will be created on the basis of a specially developed model program for teaching STEM subjects in English. ▪ Based on the results of scientific research 10.00.06 - One in the field of comparative literature, comparative linguistics and translation studies; 13.00.02 - Two PhD dissertations on "Theory and methods of education (by field)" will be defended. ▪ It is tested in higher educational institutions and industrial enterprises of the region. <p>Publication of results</p> <ul style="list-style-type: none"> ▪ Based on the results of the research, articles are published in prestigious journals indexed in the Web of Science and Scopus databases; ▪ Three PhD dissertations are defended. 	
<p><i>The total funding of the fundamental project is 3 billion UZS, and its implementation is planned for 5 years</i></p>			



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